

DATASHEET

Version: 2016-08-18

Growth Hormone Releasing Factor (GHRF) (1-44), human**Cat. No.:** RP10734-0.5**Size:** 0.5 mg**Alias:** Growth Hormone Releasing FactorGHRF (1-44), human**Description:**

Growth hormone-releasing factor (GHRF) is a hypothalamic peptide which positively regulates the synthesis and secretion of growth hormone in the anterior pituitary. The amino-acid sequence of a 43-residue GHRF peptide isolated from rat hypothalamus was recently determined. Immunocytochemical techniques have been used to localize GHRF-containing cell bodies and nerve fibres largely to the medial-basal region of the rat hypothalamus. The rat has also been used extensively as an animal model to study the effects of GHRF on growth hormone synthesis and secretion and on somatic growth.

Cas No: 83930-13-6**C-Terminal:** NH₂**Sequence (one-letter code):**YADAIFTNSYRKVLGQLSARKLLQDIMSRQQGESNQERGARG
ARL-NH₂**Sequence (three-letter code):**{TYR}{ALA}{ASP}{ALA}{ILE}{PHE}{THR}{ASN}{SER}{TYR}{A
RG}{LYS}{VAL}{LEU}{GLY}{GLN}{LEU}{SER}{ALA}{ARG}{LY
S}{LEU}{LEU}{GLN}{ASP}{ILE}{MET}{SER}{ARG}{GLN}{GLN}
{GLY}{GLU}{SER}{ASN}{GLN}{GLU}{ARG}{GLY}{ALA}{ARG}{
ALA}{ARG}{LEU}-NH₂**Formula:** C₂₁₅H₃₅₈N₇₂O₆₆S₁**Molecular Weight:** 5,039.8**Purity:** > 95%**Storage:**

Store at -20°C.

Note:

*For Non-Clinical Research Use Only *

